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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Jifan Hu and Andrew R. Hoffman

Application No.: 09/643,128

Group Art Unit: 1645

Filed: August 21, 2000

Examiner: To be assigned

For: GENE INACTIVATION BY  
TARGETED DNA METHYLATION

Attorney Docket No.: 10583-005-999

**POWER OF ATTORNEY BY ASSIGNEE  
AND EXCLUSION OF INVENTOR(S) UNDER 37 C.F.R. 3.71**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned assignee of the entire interest in the above-identified subject application hereby appoints: S. Leslie Misrock (Reg. No. 18872), Berj A. Terzian (Reg. No. 20060), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), Gary S. Williams (Reg. No. 31066),

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William S. Galliani (Reg. No. 33885), Ann L. Gisolfi (Reg. No. 31956), Todd A. Wagner (Reg. No. 35399), Scott B. Familant (Reg. No. 35514), Kelly D. Talcott (Reg. No. 39582), Francis D. Cerrito (Reg. No. 38100), Anthony M. Insogna (Reg. No. 35203), Brian M. Rothery (Reg. No. 35340), Brian D. Siff (Reg. No. 35679), and Alan Tenenbaum (Reg. No. 34939), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, all of Pennie & Edmonds LLP (PTO Customer No. 24341), as its attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 C.F.R. 3.71, provided that, if any one of these attorneys ceases being affiliated with the law firm of Pennie & Edmonds LLP as partner, counsel, or employee, then the appointment of that attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated.

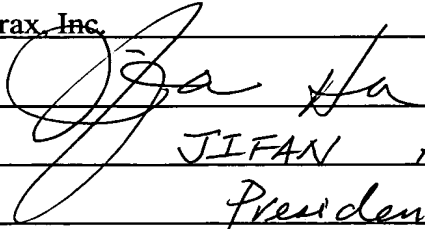
An assignment of the entire interest in the above-identified subject application:

[ ] was recorded on \_\_\_\_\_ at reel/frame \_\_\_\_/\_\_\_\_.

[ X ] is submitted herewith for recording.

Please direct all correspondence for this application to customer no. 24341.

ASSIGNEE: Genmethrax, Inc.

Signature: 

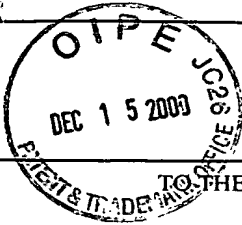
Typed Name: JIFAN HU

Position/Title: President

Address: 325 E. Middlefield Road

Mountain View, CA 94043

Date: 12-11-2000



RECORDATION FORM COVER SHEET  
PATENTS ONLY

Attorney Docket Number  
10583-005-999

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS  
Box Assignment  
Washington, DC 20231

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Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):  Jifan Hu and Andrew R. Hoffman</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): <b>TECH CENTER 1000</b></p> <p>Name: <u>Genmethrax, Inc.</u></p> <p>Address: <u>325 E. Middlefield Road</u> <u>Mountain View, CA 94043</u></p> <p>and</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: <u>October 31, 2000</u></p>	<p>Name: <u>The Board of Trustees of the</u> <u>Leland Stanford Junior University,</u> <u>a non-profit organization</u></p> <p>Address: <u>900 Welch Road, Suite 350</u> <u>Palo Alto, CA 94304</u></p> <p>Country (if other than USA): _____</p>
<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is: _____</p> <p>A. Patent Application No.(s) <u>09/643,128 (filed 8/21/00)</u>   B. Patent No.(s) _____</p> <p>Additional numbers attached? Yes No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>PENNIE &amp; EDMONDS LLP 1155 Avenue of the Americas New York, NY 10036</p>	<p>6. Number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41):.....\$ <u>40.00</u> Please charge to the deposit account listed in Section 8.</p> <p>8. Deposit account number: <u>16-1150</u></p>
<p><b>DO NOT USE THIS SPACE</b></p>	
<p>9. Statement and signature.</p> <p><i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i></p> <p><u>Rahul Pathak</u> <u>42,983</u> <u>[Signature]</u> <u>12-15-00</u></p> <p>Name of Person Signing Reg. No. Signature Date</p> <p>For: Thomas E. Friebe (Reg. No. 29,258)</p> <p>Total number of pages including cover sheet: <u>2</u></p>	

# ASSIGNMENT

# COPY

JOINT

WHEREAS, WE, Jifan Hu and Andrew R. Hoffman, ASSIGNORS, all citizens of the United States, respectively residing at 745 Seminole Way, Palo Alto, California 94303 and 1177 Waverly Street, Palo Alto, California 94301, are the inventors of the invention in GENE INACTIVATION BY TARGETED DNA METHYLATION for which we have executed an application for a Patent of the United States which is executed on even date herewith and which is identified by Pennie & Edmonds LLP docket no. 10583-005-999

and WHEREAS, Genmethrax, Inc., organized and existing under the laws of the state California, and having an office for the transaction of business at 325 E. Middlefield Road, Mountain View, California 94043, and The Board of Trustees of the Leland Stanford Junior University, a non-profit organization, having its principal place of business at 900 Welch Road, Suite 350, Palo Alto, California 94304, ASSIGNEES are desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto each ASSIGNEE, its successors, legal representatives and assigns, an undivided one-half share of our entire right, title and interest in, to and under the said invention, and the said United States provisional application and all applications claiming priority thereto under 35 U.S.C. §119(e) and divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 10-31-00, 2000 JIFAN HU L.S.  
State of CALIFORNIA  
County of SANTA CLARA SS.:

On 10/31/00, 2000, before me, HARLEY M. BARBER JR. Notary Public, personally appeared Jifan Hu, personally known to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal  
HARLEY M. BARBER JR.  
Date 10/31/00, 2000 ANDREW R. HOFFMAN L.S.  
State of CALIFORNIA  
County of SANTA CLARA SS.:

On 10/31/00, 2000, before me, HARLEY M. BARBER JR. Notary Public, personally appeared Andrew R. Hoffman, personally known to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal  
HARLEY M. BARBER JR.

